AMENDMENT TO THE CLAIMS

Claim 1. (Currently Amended) A value document, comprising:

a value document substrate and at least two different feature substances for checking the value document, wherein first and second feature substances form mutually independent codings, the second feature substance being applied to the value document substrate, and the first feature substance being applied to the value document substrate or incorporated into the volume of the substrate;

wherein the first feature substance is formed by at least one of a luminescent substance and a mixture of luminescent substances, having a complex spectral distribution;

wherein said spectral distribution itself forms a coding.

Claim 2. (Previously Presented) The value document according to claim 1, including a third feature substance incorporated into the volume of the substrate of the value document.

Claim 3. (Previously Presented) The value document according to claim 2, wherein the third feature substance is distributed substantially uniformly within the volume of the value document substrate.

Claim 4. (Currently Amended) The value document according to claim 1, wherein ~~at least one of the feature substances~~ the second feature substance is formed by at least one of a luminescent substance and a mixture of luminescent substances.

Claim 5. (Previously Presented) The value document according to claim 1,

wherein at least one of the feature substances is formed on the basis of a host lattice doped with rare earth elements.

Claim 6. (Previously Presented) The value document according to claim 1, wherein at least one coding extends over a predominant part of a surface of the value document.

Claim 7. (Previously Presented) The value document according to claim 1, wherein at least one coding is a bar code.

Claim 8. (Currently Amended) The value document according to claim 1, wherein ~~at least one~~ a coding lies in the material properties ~~of at least one~~ of the ~~first and~~ second feature substance.

Claim 9. (Previously Presented) The value document according to claim 1, wherein at least one coding represents information about the value document, the information being present in at least one of encrypted and unencrypted form.

Claim 10. (Previously Presented) The value document according to claim 1, wherein the codings formed by the first and second feature substances are either or both applied at different places of the value document and applied with different shapes on the value document.

Claim 11. (Previously Presented) The value document according to claim 1, wherein the codings formed by the first and second feature substances represent different information contents.

Claim 12. (Previously Presented) The value document according to claim 1, wherein the value document substrate comprises a printed or unprinted cotton fiber paper.

Claim 13. (Previously Presented) The value document according to claim 1, wherein the value document substrate comprises a printed or unprinted plastic film.

Claim 14. (Previously Presented) The value document according to claim 1, wherein the substrate is paper having the form of a moist paper web during production, and wherein at least one of the first and second feature substances is printed on the value document substrate.

Claim 15. (Previously Presented) The value document according to claim 1, wherein at least one of the first and second feature substances is applied to the moist paper web in the form of the coding during papermaking.

Claim 16. (Previously Presented) The value document according to claim 1, wherein the first feature substance is present within the volume of the value document substrate or near the surface in the substrate.

Claim 17. (Previously Presented) The value document according to claim 1, wherein at least one of the first and second feature substances is colorless or has only little inherent color in the visible spectral range.

Claim 18. (Currently Amended) A method for producing a value document ~~according to claim 1~~, comprising the steps:

providing first and second feature substances forming mutually independent codings, the second feature substance being applied to ~~the~~ a value document substrate, and the first feature substance either or both being applied to the value document substrate and incorporated into the volume of the value document substrate;

forming the first feature substance from at least one of a luminescent substance and a mixture of luminescent substances, having a complex spectral distribution; and

forming a coding from said spectral distribution itself.

Claim 19. (Previously Presented) The production method according to claim 18, wherein the first and/or second feature substance is printed on the value document substrate.

Claim 20. (Previously Presented) The production method according to claim 18, wherein the value document substrate is formed by a printed or unprinted cotton paper, and wherein at least one of the first and second feature substances is sprayed onto the moist paper web during papermaking.

Claim 21. (Previously Presented) The production method according to claim 18, wherein a third feature substance is incorporated into the value document substrate.

Claim 22. (Currently Amended) A method for checking or processing a value document according to claim 1 [[2]], comprising the steps:

checking the authenticity of the value document and carrying out a value recognition of the document by using at least one characteristic property of at least one of the first and second feature substances for checking the authenticity of the value document, and the coding formed by at least one of the first and second feature substances for the value recognition of the value document; and

when selecting the first feature substance to check the authenticity of the value document, checking the authenticity of the value document on the basis of the coding formed by said spectral distribution itself.

Claim 23. (Previously Presented) The method according to claim 22, wherein at least one characteristic property of the first feature substance is used for checking the authenticity of the value document, and the coding formed by the first feature substance for the value recognition of the value document, by a user of a first user group.

Claim 24. (Previously Presented) The method according to claim 22, wherein at least one characteristic property of the second feature substance is used for checking the authenticity of the value document, and the coding formed by the second feature substance for the value recognition of the value document, by a user of a second user group.

Claim 25. (Previously Presented) The method according to claim 22, wherein at least one characteristic property of at least one of the first and third feature substances is used for checking the authenticity of the value document, and the coding formed by the first feature substance is used for the value recognition of the value document, if the user belongs to a first user group, and at least one characteristic property of the second feature substance is used for checking the authenticity of the value document, and the coding formed by the second feature substance is used for the value recognition of the value document, if the user belongs to a second user group.

Claim 26. (Currently Amended) The method according to claim 22, wherein the first feature substance is a luminescent substance, and for the authenticity check or value recognition by a user of a first user group, the first feature substance is irradiated with radiation from its excitation range, the emission is determined ~~at~~ at least one wavelength from the emission range of the first feature substance, and at least one of the check of authenticity and the value recognition is carried out on the basis of the determined emission.

Claim 27. (Currently Amended) The method according to claim 22, wherein the second feature substance is a luminescent substance, for the authenticity check or value recognition by a user of a second user group the second feature substance is irradiated with radiation from its excitation range, the emission is determined ~~at~~ at least one wavelength from the emission range of the second feature substance, and either or both the check of authenticity and the value recognition is carried out on the basis of the determined emission.

Claim 28. (Previously Presented) The method according to claim 26, wherein at least one of the first and second feature substances is irradiated with at least one of visible and infrared radiation, and the emission of the irradiated feature substance is determined in the infrared spectral range.

Claim 29. (Previously Presented) The method according to claim 26, wherein the irradiation is performed with at least one of a light-emitting diode and a laser diode.

Claim 30. (Previously Presented) The value document according to claim 6, wherein the coding extends over substantially the total surface of the value document.

Claim 31. (Previously Presented) The value document according to claim 8, wherein the material properties are in the form of at least one of emission and excitation spectra.

Claim 32. (Previously Presented) The value document according to claim 15, wherein the second feature substance is sprayed on the moist paper web in the form of the coding.